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First Named Inventor: Charles Norman
Domestic/Foreign Application: Domestic Application
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| Title of Invention | OVERHEAD REPLICATION FOR SONET SIGNALS | |
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| Date: | 2003-08-26 | |
| First Named Applicant: | Mr. Charles W. Norman | |
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| Submitted by: | Elec. Sign. | Sign. Capacity |
| Mr. Michael J. Setter Registered Number: 37,936 | Mr. Michael J. Setter | Attorney |
| Documents being submitted us-ids | Files 39201329ids-usidst.xml us-ids.dtd us-ids.xsl | |
| Comments | | |
| It is believed that no fees are due in this matter. However, if it is determined that fees | | |

are due, the Commissioner is authorized to debit Deposit Account No. 21-0765 for the required fees.



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

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| First Named Applicant: | Charles Norman | | | | |
| Attorney Docket Number: | 2033 | | | | |
| Art Unit: | 2633 | | | | |
| Search string: | (4213201 or 5040170 or 5159595 or 5179548 or 5185736 or 5218604 or 5307353 or 5315594 or 5327427 or 5341364 or 5343464 or 5365518 or 5390164 or 5406401 or 5416768 or 5416772 or 5440540 or 5448389 or 5465252 or 5471476 or 5473611 or 5506956 or 5526344 or 5546403 or 5550805 or 5555477 or 5577196 or 5638356 or 5663949 or 5754528 or 5857092 or 5896378 or 5905585 or 6011802 or 6295615 or 5600648 or 6169754).pn. | | | | |
| US Patent Documents | | | | | |
| Note: Applicant is not required to submit a paper copy of cited US Patent Documents | | | | | |
| init | Cite. No. | Patent No. | Date | Patentee | Kind |
| | 1 | 4213201 | 1980-07-15 | Gagnier et al. | |
| | 2 | 5040170 | 1991-08-13 | Upp et al. | |
| | 3 | 5159595 | 1992-10-27 | Flanagan et al. | |
| | 4 | 5179548 | 1993-01-12 | Sandesara | |
| | 5 | 5185736 | 1993-02-09 | Tyrrell et al. | |
| | 6 | 5218604 | 1993-06-08 | Sosnosky | |
| | 7 | 5307353 | 1994-04-26 | Yamashita et al. | |
| | 8 | 5315594 | 1994-05-24 | Noser | |
| | 9 | 5327427 | 1994-07-05 | Sandesara | |
| | 10 | 5341364 | 1994-08-23 | Marra et al. | |
| | 11 | 5343464 | 1994-08-30 | Lino et al. | |
| | 12 | 5365518 | 1994-11-15 | Noser | |

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|----|---------|------------|------------------|
| 13 | 5390164 | 1995-02-14 | Kremer |
| 14 | 5406401 | 1995-04-11 | Kremer |
| 15 | 5416768 | 1995-05-16 | Jahromi |
| 16 | 5416772 | 1995-05-16 | Helton et al. |
| 17 | 5440540 | 1995-08-08 | Kremer |
| 18 | 5448389 | 1995-09-05 | Peacock |
| 19 | 5465252 | 1995-11-07 | Muller |
| 20 | 5471476 | 1995-11-28 | Hiramoto |
| 21 | 5473611 | 1995-12-05 | Gilboa et al. |
| 22 | 5506956 | 1996-04-09 | Cohen |
| 23 | 5526344 | 1996-06-11 | Diaz et al. |
| 24 | 5546403 | 1996-08-13 | Yamamoto et al. |
| 25 | 5550805 | 1996-08-27 | Takatori et al. |
| 26 | 5555477 | 1996-09-10 | Tomooka et al. |
| 27 | 5577196 | 1996-11-19 | Peer |
| 28 | 5638356 | 1997-06-10 | Hijikata |
| 29 | 5663949 | 1997-09-02 | Ishibashi et al. |
| 30 | 5754528 | 1998-05-19 | Uchida |
| 31 | 5857092 | 1999-01-05 | Nakamura et al. |
| 32 | 5896378 | 1999-04-20 | Barker |
| 33 | 5905585 | 1999-05-18 | Shirai |
| 34 | 6011802 | 2000-01-04 | Norman |
| 35 | 6295615 | 2001-09-25 | Cohen |
| 36 | 5600648 | 1997-02-04 | Furuta et al. |
| 37 | 6169754 | 2001-01-02 | Sugawara et al. |

Signature

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| Examiner Name | Date |
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